

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47 - 039 - 2210 County Kanawha District UNION
Quad POCATALICO Pad Name Wallace Field/Pool Name Disposal
Farm name Wallace Well Number 2D0392210
Operator (as registered with the OOG) Viking Energy Corp.
Address 8113 Sissonville Dr. City Sissonville State WV Zip 25312

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4257210.32 Easting 443176.92
Landing Point of Curve Northing 4257210.32 Easting 443176.92
Bottom Hole Northing 4257210.32 Easting 443176.92

Elevation (ft) 647.16 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other INJECTION
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other REWORK
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
N/A

Date permit issued 6/02/2015 Date drilling commenced N/A Date drilling ceased N/A
Date completion activities began 6/8/2015 Date completion activities ceased 6/8/15
Verbal plugging (Y/N) N Date permission granted 6/7/2015 Granted by TERRY URBAN

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft N/A Open mine(s) (Y/N) depths NO
Salt water depth(s) ft 1190 Void(s) encountered (Y/N) depths NO
Coal depth(s) ft N/A Cavern(s) encountered (Y/N) depths NO
Is coal being mined in area (Y/N) NO

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Reviewed by: _____

API 47-039 - 2210 Farm name Wallace Well number 2D0392210

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	24"	20"	15'	NEW	UNKNOWN		CEMENT TO SURFACE
Surface	17.5"	13 3/8"	241'	NEW	H-40/48LBS		CEMENT TO SURFACE
Coal	11"	8 5/8"	1738'	NEW	J-55/24LBS		CEMENT TO SURFACE
Intermediate 1	N/A						
Intermediate 2	N/A						
Intermediate 3	N/A						
Production	N/A	5 1/2"	5514'	NEW	N80/17LBS		CALCULATED FILL UP TO 1150'
Tubing	N/A	2 3/8"	5,462'	NEW	J-55/4.6LBS	N/A	SET ON BAKER LOKSET PACKER AT 5,459'
Packer type and depth set		BAKER LOKSET 2 3/8" X5 1/2" SET AT 5,459'					

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	CLASS A	TO SURFACE	N/A	1.18	N/A	SURFACE	12
Surface	CLASS A W/3% CaCl	TO SURFACE	NN/A	1.18	N/A	SURFACE	12
Coal	LITPOZ & CLASS A	TO SURFACE	N/A	1.18 TO 1.27	N/A	TO SURFACE	12
Intermediate 1	CLASS A	5.20	12.4	1.18	118.00	N/A	24
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) 5,586' Loggers TD (ft) 5,586'
 Deepest formation penetrated NEWBURG Plug back to (ft) _____
 Plug back procedure _____

Kick off depth (ft) _____

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING N/A

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

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PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
N/A	N/A	N/A	N/A	N/A	N/A

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Please insert additional pages as applicable.

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PRODUCING FORMATION(S)	DEPTHS	
	N/A	TVD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface _____ psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas _____ mcfpd Oil _____ bpd NGL _____ bpd Water _____ bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	0		0		

Please insert additional pages as applicable.

Drilling Contractor _____
Address _____ City _____ State _____ Zip _____

Logging Company _____
Address _____ City _____ State _____ Zip _____

Cementing Company UNIVERSAL WELL SERVICES, INC
Address 14 SEWER PLANT ROAD City BUCKHANNON State WV Zip 26201

Stimulating Company _____
Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by ERIC Telephone 304-988-1161
Signature _____ Title VP Date 6/02/2016

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Eric Pinkerton

From: Eric Pinkerton
Sent: Tuesday, June 14, 2016 2:45 PM
To: 'Eva.M.Thompson@wv.gov'
Subject: Emailing - WR-35%20-Well%20Record%20Completion%20Report%20Form%20%288-13%29.pdf
Attachments: WR-35%20-Well%20Record%20Completion%20Report%20Form%20%288-13%29.pdf

1. On June 8, 2015, Due to being able to circulate through the 5 ½ on the 5 ½ X 2 3/8 annulus, Viking Energy performed a squeeze cement job on the production casing on the Columbia Gas 20320 (Wallace Unit #1) well using 100 sacks of Type I cement (see attached documents). A drillable cement plug was set at 4460 ft. 100 sacks were squeezed through 5 ½ at existing TOC followed by a wiper plug to 4380 ft. (calculated TOC is now 3740 ft.) The cement left in the pipe and the plug were drilled out. The squeeze job was successful and on June 17, 2015 Viking Energy ran in new 2-3/8" tubing and Baker Lokset packer to 5,564 feet and performed a mechanical integrity test (MIT) on the 5-1/2" x 2-3/8" annular space to demonstrate the integrity of the Columbia Gas 20320 (Wallace Unit #1) injection well. The well was pressure tested to 3,067 psi and held pressure for 30 minutes. Mechanical integrity was demonstrated and the MIT was witnessed by Terry Urbin and Zach Stevinson of the WV DEP, Office of Oil and Gas (documents are attached).

Eric Pinkerton
Viking Energy Corp.
304-988-1161

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State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Discharge Monitoring Report
Oil and Gas General Permit

Company Name: VIKING ENERGY CORP
API No: 2D0392210 County: KANAWHA
District: UNION Well No: 2D0392210
Farm Name: WALLACE
Discharge Date/s From:(MMDDYY) 6/07/15 To: (MMDDYY) 6/06/15
Discharge Times. From: 8AM-4PM To: 8AM-4PM
Total Volume to be Disposed from this facility (gallons): 10500

Disposal Option(s) Utilized (write volumes in gallons):

- (1) Land Application: _____ (Include a topographical map of the Area.)
(2) UIC: 2D0392210 Permit No. 2D0392210
(3) Offsite Disposal: _____ Site Location: WALLACE
(4) Reuse: _____ Alternate Permit Number: _____
(5) Centralized Facility: _____ Permit No. _____
(6) Other method: _____ (Include an explanation)

Follow Instructions below to determine your treatment category:

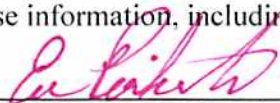
- Optional Pretreatment test: _____ Cl- mg/l _____ DO mg/l
1. Do you have permission to use expedited treatment from the Director or his representative?
(Y/N) N If yes, who? _____ and place a four (4) on line 7.
If not go to line 2
 2. Was Frac Fluid or flowback put into the pit? (Y/N) N If yes, go to line 5. If not, go to line 3.
 3. Do you have a chloride value pretreatment (see above)? (Y/N) N If yes, go to line 4
If not, go to line 5.
 4. Is the Chloride level less than 5000 mg/l? (Y/N) Y If yes, then enter a one (1) on line 7.
 5. Do you have a pretreatment value for DO? (See above) (Y/N) N If yes, go to line 6
If not, enter a three (3) in line 7.
 6. Is the DO level greater than 2.5 mg/l?(Y/N) _____ If yes, enter a two (2) on line 7. If not, enter a three (3) on line 7.
 7. 1 is the category of your pit. Use the Appropriate section.
 8. Comments on Pit condition: NO PIT, 250 BBL FRESH WATER IN TANK WAS USED IN THE WELL WELL IS UIC WELL 2D0392210 THEREFORE WATER STAYED IN WELL

Name of Principal Exec. Officer: ERIC PINKERTON

Title of Officer: VP

Date Completed: 6/7/2015

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



Signature of a Principal Exec. Officer or Authorized agent.

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